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DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **DETECTION OF PUMP CAVITATION/BLOCKAGE AND SEAL FAILURE VIA CURRENT SIGNATURE ANALYSIS** the specification of which:

(check one) ☒ [X] is attached hereto
☐ [] was filed on _____ as Application Serial No. _____
and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulation, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

(Application No.)	(Country)	(Filing Date)	(Inventor(s))	(Inventor(s) Address)	(Inventor(s) Telephone)	(Inventor(s) Telex)	(Inventor(s) Fax)	(Inventor(s) E-mail)	(Inventor(s) Other Contact Info)
1	USA	1998-01-01	John Doe	123 Main St, New York, NY 10001	212-555-1234	123456789	212-555-1234	john.doe@ny.ny.us	
2	USA	1998-01-01	John Doe	123 Main St, New York, NY 10001	212-555-1234	123456789	212-555-1234	john.doe@ny.ny.us	
3	USA	1998-01-01	John Doe	123 Main St, New York, NY 10001	212-555-1234	123456789	212-555-1234	john.doe@ny.ny.us	
4	USA	1998-01-01	John Doe	123 Main St, New York, NY 10001	212-555-1234	123456789	212-555-1234	john.doe@ny.ny.us	
5	USA	1998-01-01	John Doe	123 Main St, New York, NY 10001	212-555-1234	123456789	212-555-1234	john.doe@ny.ny.us	
6	USA	1998-01-01	John Doe	123 Main St, New York, NY 10001	212-555-1234	123456789	212-555-1234	john.doe@ny.ny.us	
7	USA	1998-01-01	John Doe	123 Main St, New York, NY 10001	212-555-1234	123456789	212-555-1234	john.doe@ny.ny.us	
8	USA	1998-01-01	John Doe	123 Main St, New York, NY 10001	212-555-1234	123456789	212-555-1234	john.doe@ny.ny.us	
9	USA	1998-01-01	John Doe	123 Main St, New York, NY 10001	212-555-1234	123456789	212-555-1234	john.doe@ny.ny.us	
10	USA	1998-01-01	John Doe	123 Main St, New York, NY 10001	212-555-1234	123456789	212-555-1234	john.doe@ny.ny.us	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this continuation-in-part) application:

<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	<u>(Status-patented, pending, abandoned)</u>
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<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	<u>(Status-patented, pending, abandoned)</u>
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Himanshu S. Amin - Reg. No. 40,894
 Thomas G. Eschweiler - Reg. No. 36,981
 Gregory Turocy - Reg. No. 36,952
 William R. Walbrun, Reg. No. 37,464
 John M. Miller - Reg. No. 38,560
 John J. Horn - Reg. No. 28,803

Send Correspondence To:

Allen-Bradley Company, Inc.
 Attention: John J. Horn
 Patent Dept./704P Floor 8 T-29
 1201 South Second Street
 Milwaukee, Wisconsin 53204

Direct Telephone Calls To:

John J. Horn
 (414) 382-3561

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Peter J. Unsworth Date: _____
 Inventor's Signature: _____
 Citizenship: U.K.
 Residence: 12, Winterbourne Mews, Lewes
England, BN7 1HG
 Post Office Address: 12, Winterbourne Mews, Lewes
England, BN7 1HG

Full name of second inventor: Frederick M. Disenzo Date: September 23rd 1999
 Inventor's Signature: Frederick M. Disenzo
 Citizenship: USA
 Residence: 8513 Timber Trail
Brecksville, Ohio 44141
 Post Office Address: 8513 Timber Trail
Brecksville, Ohio 44141

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
 FORM A PART OF THIS DECLARATION

X Signature for third and subsequent joint inventors. Number of pages added 1.

Full name of third inventor: Vetcha Sarat Babu Date: _____
Inventor's Signature: _____
Citizenship: India
Residence: Vasavi Steel mart, Main Road, Narsapur - 534 275
West Godavari District, India
Post Office Address: Vasavi Steel mart, Main Road, Narsapur - 534 275
West Godavari District, India

X This declaration ends with this page.

DECLARATION AND POWER OF ATTORNEY

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_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status-patented, pending, abandoned)

_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status-patented, pending, abandoned)

Full name of third inventor: Vettha Sarat Babu
Inventor's Signature: V. Sarat Babu Date: 21-07-1999
Citizenship: India
Residence: Vasavi Steel mart, Main Road, Narsapur - 534 275
West Godavari District, India
Post Office Address: Vasavi Steel mart, Main Road, Narsapur - 534 275
West Godavari District, India

X This declaration ends with this page.

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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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Full name of sole or first inventor: Peter J. Timmer Date: 22 Sept 79
 Inventor's Signature: Peter J. Timmer
 Citizenship: U.K.
 Residence: 12, Winterbourne Mews, Lower
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England, BN7 1HG

Inventor's Signature: _____ Date: _____
 Citizenship: USA
 Residence: 8513 Timber Trail
Brecksville, Ohio 44141
 Post Office Address: 8513 Timber Trail
Brecksville, Ohio 44141

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
 FORM A PART OF THIS DECLARATION

☒ Signature for third and subsequent joint inventors. Number of pages added: 1